

Silicone Sealant MATERIAL SAFETY DATA SHEET

 PAGE: 1
 GE281

 MANUFACTURED BY:
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***** I PRODUCT IDENTIFICATION *****

 PRODUCT IDENTIFICATION GE281 CHEMICAL FAMILY: SILICONE SEALANT
 CHEMICAL NAME: SILICONE SEALANT FORMULA: MIXTURE

***** II PRODUCT COMPONENTS *****

PRODUCT COMPOSITION	APPROX. %	ACGIH TLV	OSHA PEL	UNITS	CAS REG NO.
A. HAZARDOUS					
PROPRIETARY COMPONENT	< 05%	NF	NF	NA	
PROPRIETARY COMPONENT	< 05%	NF	NF	NA	
PROPRIETARY COMPONENT	< 05%	NF	NF	NA	
B. NON-HAZARDOUS					
**PRODUCT INFORMATION	NA	NA	NA	NA	NA

***** III PHYSICAL DATA *****

PRODUCT INFORMATION

BOILING POINT NA (F) NA (C)

PHYSICAL STATE SOLID

VAPOR PRESSURE (20 C) NA MM HG

ODOR AMMONIA

VAPOR DENSITY (AIR=1) NA

COLOR WHITE

SOLUBILITY IN WATER (20 C) INSOLUBLE PH NA

SOLUBILITY IN ORGANIC SOLVENT ACIDITY/ALKALINITY UNKN MEG/G

(STATE SOLVENT) PARTIALLY IN TOLUENE

FREEZING POINT NA (F) NA (C) DENSITY 1048 KG/M3

MELTING POINT NA (F) NA (C) SPECIFIC GRAVITY (WATER=1) 1.030

% VOLATILE BY VOLUME <4 EVAPORATION RATE (BUTYL ACETATE=1) <1

***** IV FIRE AND EXPLOSION DATA *****

FLASH POINT NA (F) NA (C) BY NA IGNITION TEMP UNKN (F) UNKN (C)

FLAMMABLE LIMITS IN AIR (%): LOWER UNKN UPPER UNKN

EXTINGUISHING MEDIA:

ALL STANDARD FIREFIGHTING MEDIA

DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES:

NONE KNOWN.

***** V REACTIVITY DATA *****

STABILITY:

X STABLE UNSTABLE

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE.

HAZARDOUS:

POLYMERIZATION WILL NOT OCCUR

CARBON DIOXIDE.
SILICON DIOXIDE.
INCOMPATIBILITY (MATERIALS TO AVOID):
NONE KNOWN.

CONDITIONS TO AVOID:
VAPOR AND/OR LIQUID REACT WITH WATER TO FORM AMMONIA.
APPLIES IN UNCURED STATE.

***** VI HEALTH HAZARD DATA *****

ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:

INGESTION:

MAY BE HARMFUL IF SWALLOWED.

SKIN CONTACT:

UNCURED PRODUCT CONTACT MAY IRRITATE THE SKIN.

INHALATION:

CAUSES MILD RESPIRATORY IRRITATION.

EYE CONTACT:

UNCURED PRODUCT CONTACT IRRITATES EYES.

MEDICAL CONDITIONS AGGRAVATED:

NONE KNOWN.

RESPIRATORY

APPLIES IN UNCURED STATE.

OTHER:

METHANOL RELEASED DURING CURING.

AMMONIA RELEASED DURING CURING.

CHRONIC EFFECTS OF OVEREXPOSURE:

RESPIRATORY AILMENTS.

OPTIC NERVE DAMAGE.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION:

IF SWALLOWED INDUCE VOMITING IMMEDIATELY BY GIVING
TWO GLASSES OF WATER AND STICKING FINGERS DOWN THROAT;
NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MEDICAL
ATTENTION.

SKIN:

TO CLEAN FROM SKIN, REMOVE COMPLETELY WITH A DRY CLOTH OR PAPER
TOWEL, BEFORE WASHING WITH DETERGENT AND WATER.

INHALATION:

MOVE PERSON TO FRESH AIR.

EYES:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER
FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION
PERSISTS.

NOTE TO PHYSICIAN:

NONE KNOWN.

TOXICITY:

**PRODUCT INFORMATION

ACUTE ORAL LD50 UNKNOWN

MG/KG

ACUTE DERMAL LD50 UNKNOWN

MG/KG

ACUTE INHALATION LC50 UNKNOWN

OTHER

EYE IRRITANT.

TEST:

UNKNOWN

PRINCIPAL ROUTES OF EXPOSURE:

ORAL.
EYES.
INHALATION.

PRODUCTS/INGREDIENTS:
NONE KNOWN.

***** VII SPECIAL PROTECTIVE EQUIPMENT *****

RESPIRATORY PROTECTION:

USE IN A WELL VENTILATED AREA.
USE APPROVED NIOSH RESPIRATORY PROTECTION IF TLV EXCEEDED.

PROTECTIVE GLOVES:

CLOTH GLOVES.

EYE AND FACE PROTECTION:

SAFETY GLASSES.

OTHER PROTECTIVE EQUIPMENT:

NONE KNOWN.

VENTILATION:

USE ONLY IN WELL VENTILATED AREA.
MECHANICAL VENTILATION.

*** VIII SPILL, LEAK AND DISPOSAL PROCEDURES ***

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

WIPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL.

WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD.

WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE EQUIPMENT SECTION.

DISPOSAL METHOD:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

***** IX SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

KEEP CONTAINER CLOSED WHEN NOT IN USE.

AVOID CONTACT WITH SKIN AND EYES.

WEARERS OF CONTACT LENSES MUST NOT HANDLE LENSES UNTIL ALL SEALANT HAS BEEN CLEANED FROM FINGERTIPS; RESIDUAL SILICONE WILL TRANSFER TO LENSES AND CAUSE SEVERE EYE IRRITATION.

USE MECHANICAL VENTILATION TO STAY BELOW TLV OF 25 PPM AMMONIA.

PRODUCT RELEASES METHANOL DURING APPLICATION AND CURING.

PRODUCT RELEASES AMMONIA DURING APPLICATION AND CURING.

UNCURED PRODUCT CONTACT IRRITATES EYES.

UNCURED PRODUCT CONTACT MAY IRRITATE SKIN.

ENGINEERING CONTROLS:

EXHAUST VENTILATION

EYEWASH STATIONS.

USE IN A WELL VENTILATED AREA.

** X SHIPPING AND REGULATORY CLASSIFICATION DATA **

UN/NA NUMBER: NA

SHIPPING NAME: NA
HAZARD CLASS: NA
DOT LABEL(S): NA
EPA HAZARD WASTE: NA
OSHA HAZARD CLASS: EYE IRRITANT
CPSC CLASSIFICATION: EYE IRRITANT
TRANSPORTATION CLASS: IMO NA
RID (OCTI) NA
ADR (ECE) NA
RAR (IATA) NA

NFPA/HMIS CLASSIFICATION: FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2
ADDITIONAL INFORMATION:

THIS PRODUCT OR ITS COMPONENTS ARE ON THE EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICALS (EINECS). THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE.

Dependable Crack-filler

MATERIAL SAFETY DATA SHEET

SECTION I: Material Identification

Manufacturer's Name: Dependable Chemical Co. Inc.
Telephone No.: 216-333-1123
Address: P.O Box 16334 Rocky River OH 44116
Chemical Name & Synonyms: N/A
Chemical Family: N/A
Chemical Abstract No.: N/A
Formula No: Mixture SiO₂+C₆H₁₀O₅
Trade Name and Synonyms: Skimcoat *

SECTION II: Chemical and Physical Properties

Molecular Wt.: N/A Boiling Point: 4046°F
Melting Point: 3050°F Specific Gravity (Water=1): N/A
Odor/Appearance: White powder - no odor

SECTION III: Flammability and Explosive Properties

No fire or explosion hazard

SECTION IV: Composition

Crystalline Silica. Remainder non-hazardous

SECTION V: Health Hazard Data

Threshold Limit Value = 10 mg/M³/ % Respirable quartz + 2

Prolonged overexposure to free dust above the Threshold Limit value specified above may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis, may result from breathing free silica dust. Silicosis is a form of disabling, progressive and sometimes fatal pulmonary fibrosis characterized by the presence of typical modulation in the lungs.

EFFECTS OF OVEREXPOSURE:

SKIN: May develop sufficient heat to cause burns if a large mass is kept in contact with the skin while hardening.

EYES: Particles may cause irritation.

Emergency and First Aid Procedures

Eyes: wash with large amounts of water

SECTION VI: Reactivity Data

Stability: Stable Conditions to avoid: None

Incompatibility (Materials to Avoid): Endothermic - Dissolved by Hydrofluoric Acid (HF)